

Guattegaumerine Biochemical

Guattegaumerine

CATALOG #
AAA228159

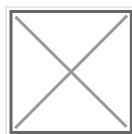
PRODUCT SYNONYMS

Guattegaumerine; Guattegaumerine biochemical

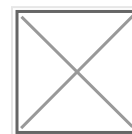
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	21446-35-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Guattegaumerine (1.25-6.25 uM; 24 hours; 30 min before exposure to serum-starvation+H2O2) significantly increases cell viability at 1.25 and 2.5uM; and guattegaumerine pretreatment significantly inhibits LDH efflux[1].Guattegaumerine (2.5 uM; 24 hours; 30 min before exposure to serum-starvation+H2O2) markedly reduces the oxidative stress-induced apoptosis in rat cortical neurons when compares with the control group[1].Guattegaumerine (1.25-2.5 uM; 24 hours; 30 min before exposure to serum-starvation+H2O2) decreases H2O2 and KCl induced Ca ²⁺ increase in cortical neurons[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
BMS-1166-N-piperidine-CO-N-piperazine, CAS 2447066-14-8



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ADDITIONAL INFORMATION

Related Product Information for Guattegaumerine biochemical	Guattegaumerine is a bisbenzylisoquinoline alkaloid with antimitotic, cytotoxic and neuroprotective activities.
References	1. Cheng B, Ren Y, Cao H, Chen J. Discovery of novel resorcinol diphenyl ether-based PROTAC-like molecules as dual inhibitors and degraders of PD-L1. Eur J Med Chem. 2020;199:112377.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.